SAMPLE
INTELLIGENT COMPACTION COLD IN PLACE RECYCLING TEST STRIP REPORT

Office of Construction Engineering
Caltrans
December 2015

CIR Test strip report must include:

1. Completed *Intelligent Compaction Cold-In-Place Recycling Test Strip Submittals Summary* form
2. Nuclear gage density readings and the corresponding GPS coordinates
3. All passes compaction curves from Veta
4. All passes correlation analysis plot from Veta
5. Field compaction curve density versus number of passes
6. Color layout plot of distribution of intelligent compaction measurement value over test strip
7. Color layout plot of distribution of pass count over test strip

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION PAGE 1 OF 3

INTELLIGENT COMPACTION COLD-IN-PLACE RECYCLING TEST STRIP SUBMITTAL SUMMARY

CEM-IC20 (NEW 11/02/2015)

PROJECT INFORMATION/NAME	CONTRACT NUMBER	CO/RTE/PM
	PROJECT IDENTIFIER NUMBER	
	CONTRACTOR NAME	

Instruction: This checklist form is to be completed and submitted by the contractor with the test strip report to ensure a complete submittal. Use this checklist form to review the completeness of submittals of intelligent compact test strip information. For questions about this form send an email to: IC@dot.ca.gov

COLD-IN-PLACE RECYCLING (CIR) TEST STRIP PLACEMENT INFORMATION

Test Strip Placement Location		Test Strip Placement Date
Beginning Station	Ending Station	CIR Thickness
IC Technical Representative(ICTR)		ICTR Phone Number
IC Quality Control Technician (ICQCT)		ICQCT Phone Number

Test Strip Report Required Submittals

Test Strip Report General Information

Contractor Submittal *Check all that were submitted*	Submittal Review *This Column For Engineer's Use*
☐ Nuclear gage density per location	The submitted is adequate? ☐ Yes ☐ No ☐ See Comment
☐ GPS measured coordinates per density location	The submitted is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Field compaction curve versus number of passes	The submitted is adequate? ☐ Yes ☐ No ☐ See Comment

Veta Analysis Results

Contractor Submittal *Check all that were submitted*	Submittal Review *This Column For Engineer's Use*
☐ All passes compaction curves from Veta	The submitted is adequate? ☐ Yes ☐ No ☐ See Comment
☐ All passes correlation analysis report from Veta	The submitted is adequate? ☐ Yes ☐ No ☐ See Comment

Color Layout Plots

Contractor Submittal *Check all that were submitted*	Submittal Review *This Column For Engineer's Use*
☐ Color layout plot of distribution of pass count over test strip	The submitted is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Color layout plot of distribution of intelligent compaction measurement value over test strip	The submitted is adequate? ☐ Yes ☐ No ☐ See Comment

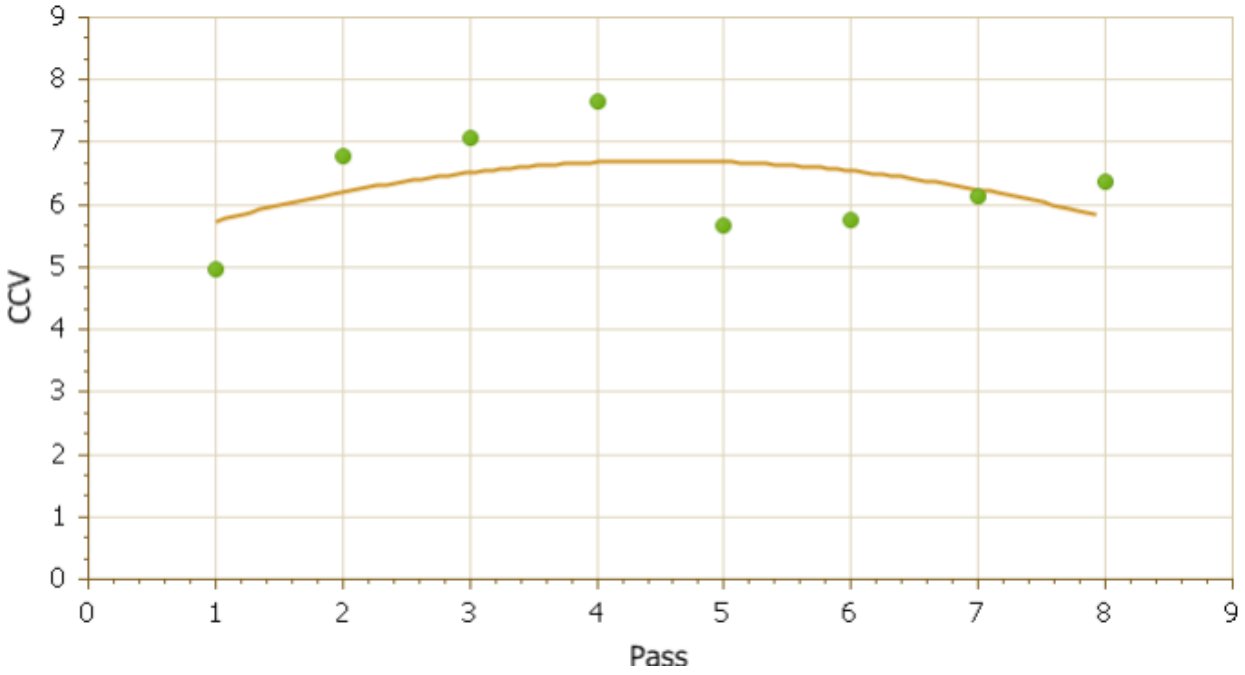
COMMENTS:

Form CEM-IC20 - Intelligent Compaction Cold-In-Place Recycling Test Strip Submittals Summary

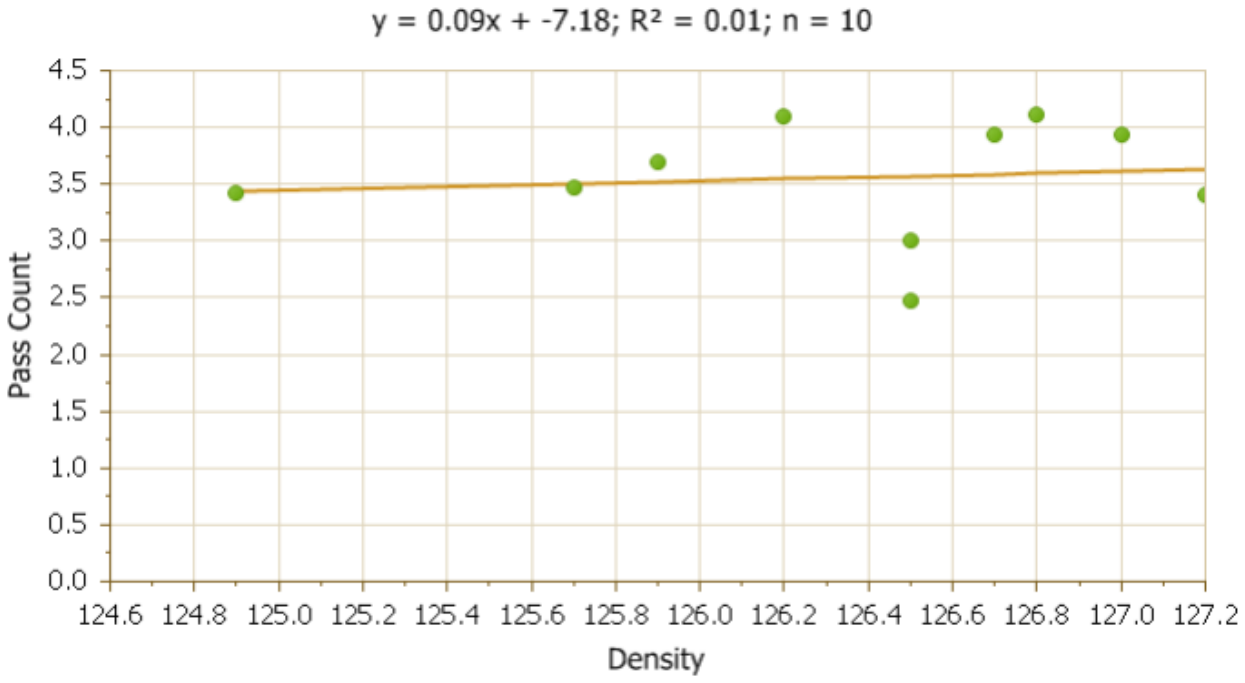
Tests

Steel	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
Vibe	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	110.3
	2	8/12/2015	6867999.307	1893960.835	Density - Nuclear Gauge	112.4
	3	8/13/2015	6868027.574	1893990.064	Density - Nuclear Gauge	112.9
Steel	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
Vibe	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	115.2
	2	8/11/2015	6867999.307	1893960.835	Density - Nuclear Gauge	115.7
	3	8/11/2015	6868027.574	1893990.064	Density - Nuclear Gauge	115.1
Steel	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
Static	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	119.2
	2	8/11/2015	6867999.307	1893960.835	Density - Nuclear Gauge	117.6
	3	8/11/2015	6868027.574	1893990.064	Density - Nuclear Gauge	119.4
Pnuematic	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	121.3
	2	8/11/2015	6867999.307	1893960.835	Density - Nuclear Gauge	121.1
	3	8/11/2015	6868027.574	1893990.064	Density - Nuclear Gauge	122.2
Pnuematic	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	123
	2	8/11/2015	6867999.307	1893960.835	Density - Nuclear Gauge	124
	3	8/11/2015	6868027.574	1893990.064	Density - Nuclear Gauge	124.7
Pnuematic	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	127
	2	8/11/2015	6867999.307	1893960.835	Density - Nuclear Gauge	128.1
	3	8/11/2015	6868027.574	1893990.064	Density - Nuclear Gauge	128.4
Pnuematic	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	126.2
	2	8/11/2015	6867999.307	1893960.835	Density - Nuclear Gauge	126.5
	3	8/11/2015	6868027.574	1893990.064	Density - Nuclear Gauge	126.9
Steel	ID	Date	Easting (ft)	Northing (ft)	Test Type	Value
Vibe	1	8/11/2015	6867980.418	1893928.092	Density - Nuclear Gauge	127.5
	2	8/11/2015	6867999.307	1893960.835	Density - Nuclear Gauge	128.5
	3	8/11/2015	6868027.574	1893990.064	Density - Nuclear Gauge	129.1
	4	8/11/2015	6868077.65	1894048.11	Density - Nuclear Gauge	128
	5	8/11/2015	6868113.053	1894093.71	Density - Nuclear Gauge	130.1
	6	8/11/2015	6868272.015	1894287.386	Density - Nuclear Gauge	132.3
	7	8/11/2015	6868254.613	1894277.019	Density - Nuclear Gauge	124.7
	8	8/11/2015	6868230.111	1894247.078	Density - Nuclear Gauge	127.7
	9	8/11/2015	6868234.175	1894240.058	Density - Nuclear Gauge	127.1
	10	8/11/2015	6868217.908	1894231.752	Density - Nuclear Gauge	128

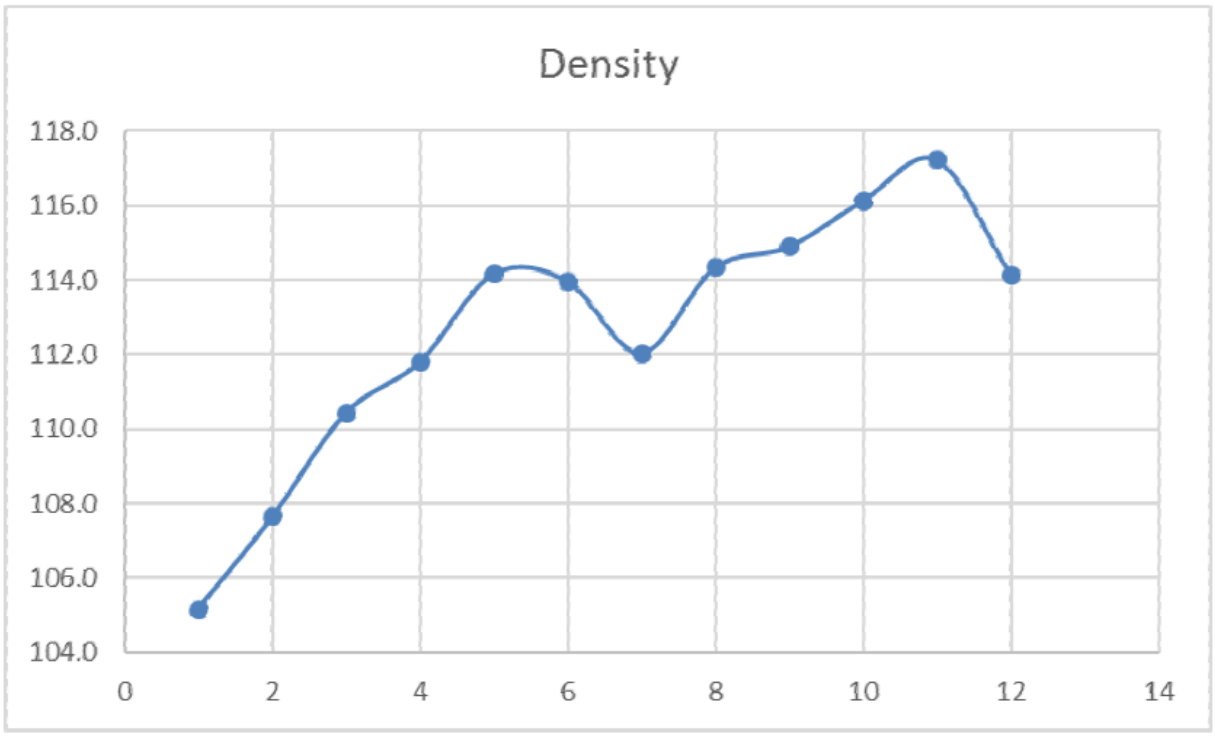
Nuclear gage density readings and the corresponding GPS coordinates



All passes compaction curves from Veta



All passes correlation analysis plot from Veta



Field compaction curve density versus number of passes

11”x17” Color layout plot of distribution of intelligent compaction measurement value over test strip

11”x17” Color layout plot of distribution of pass count over test strip